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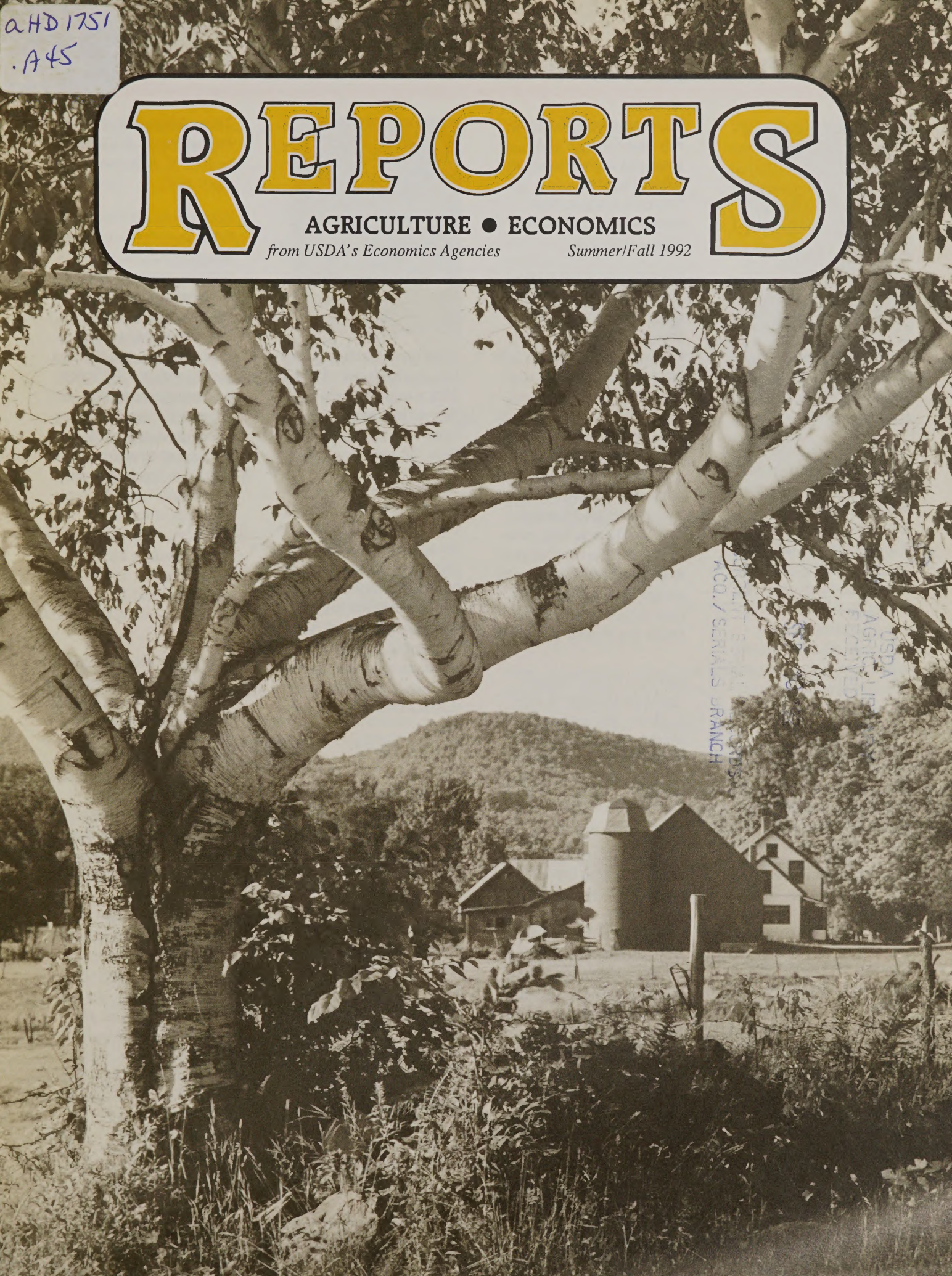
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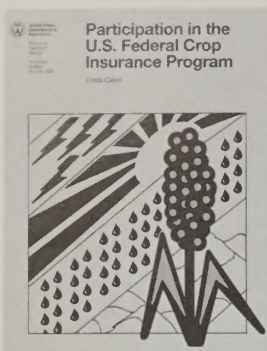
AGRICULTURE • ECONOMICS

from USDA's Economics Agencies *Summer/Fall 1992*



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New Monographs from ERS



Participation in the U.S. Federal Crop Insurance Program, by Linda Calvin. 9 pp. June 1992.

This report examines why farmers participate in the Federal multiple-peril crop insurance program. Crop insurance is a substitute for other risk-management strategies. Farmers who rely on this insurance tend to be younger, with high debt-asset ratios, less diversified cropping plans, less off-farm income, and no livestock. Low participation rates in the program present a problem. When crop failures are widespread, there is pressure to provide relief to farmers who suffer crop losses, regardless of whether they purchased crop insurance. Order # TB-1800. \$5.00

The Japanese Presence in U.S. Agribusiness, by H. Christine Bolling. 42 pp. June 1992.

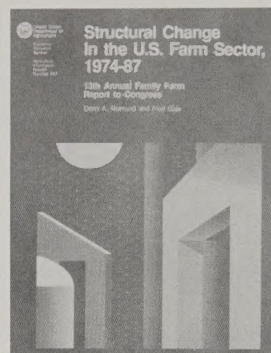
Japanese investment in U.S. agriculture and agribusiness in 1990 exceeded \$3 billion, less than 1 percent of the total investment in U.S. farmland and agribusiness. This report puts Japanese involvement in perspective and evaluates the influence of this recent phenomenon on the U.S. economy. Order # FAER-244. \$8.00

Strategies for Food Security and Structural Adjustment in Sub-Saharan Africa, by Shahla Shapouri, Margaret Misiyaen, and Stacey Rosen. 12 pp. June 1992.

Mounting debt and a continuing inability to feed their populations led countries of Sub-Saharan Africa to undertake reform programs to make their economies more market-oriented. At the same time, they sought to protect the food security of their most vulnerable groups. Case studies of Kenya, Tanzania, and Zimbabwe represent a common dilemma: how to adhere to long-term economic reform while protecting vulnerable consumer groups from market inefficiencies and price shocks. Order # AIB-651. \$5.00.

Effect of Labor Supply Shifts on U.S. Farm Production: An Application of Muth's Model, by Lewell F. Gunter, James A. Duffield, and Joseph C. Jarrett. 19 pp. May 1992.

Producers with high labor costs may be sensitive to changes in farm labor supply because labor availability can affect wages and production levels. This study models how a decline in labor supply may affect production of labor-intensive crops. The effects of a 10-percent reduction in labor supply on the output of 10 commodities modeled ranged between 0.66 and 4.25 percent. Order # TB-1804. \$8.00



Structural Change in the U.S. Farm Sector, 1974-87: 13th Annual Family Farm Report to Congress, by Donn A. Reimund and Fred Gale. 25 pp. May 1992.

The trend toward fewer but larger farms slowed during the 1970's and 1980's, with the agricultural sector displaying business returns and household income comparable with nonfarm sectors. Farm households are wealthier than the average American household, but farm businesses are much smaller than businesses in other industries. Order # AIB-647. \$8.00

Animal Feeds Compendium, by Mark S. Ash. 158 pp. May 1992.

Analyzes production, distribution, marketing, trends in supply and demand, and relative value of many commercially important feedstuffs: green forages, dry roughages, feed grains and their processed byproducts, protein concentrates from oilseeds and animals, vitamin and mineral supplements, and other additives. Order # AER-656. \$14.00

Three Measures of Trade Dependence: A Critique, by Paul V. Johnston. 25 pp. April 1992.

Economists use various trade dependence indexes as an aggregate measure for comparing across countries the importance of trade and the influence of trade policy. Two commonly used indexes, the trade/GDP index and the export/GDP index, lack mathematical attributes necessary to accurately represent trade dependence. This report develops a new index, the "trade dependence index," to better serve the needs of trade researchers. This index specifies a country's trade dependence on a scale between zero and 100. Order # AGES 9213. \$8.00

The Beef Cow-Calf Industry, 1964-87: Location and Size, by Kenneth R. Krause. 50 pp. June 1992.

This report focuses on reducing costs in the beef cow-calf sector. The report analyzes (1) the changing structure of the subsector, (2) impediments to structural change and cost reduction, and (3) basic characteristics of the sector compared with key characteristics of the poultry and pork industries. Producers expand and reduce the national herd based on net cash beef cow income, which is best achieved through economies of size gained from sufficient grazing land. Order # AER-659. \$8.00

U.S. Rice Production Practices and Costs, 1988, by Michael E. Salassi. 56 pp. May 1992.

Surveys U.S. rice growers in six major producing areas to gather data on seeding, fertilization, pesticides, irrigation, trucks and tractors, field operations on planted acreage and set-aside acreage, and drying as part of the 1988 Farm Costs and Returns Survey. Costs and returns were calculated both to include and exclude the effects of Government payments.
Order # SB-837. \$11.00

U.S. Rice Distribution Patterns, 1988/89, by Nathan Childs. 37 pp. April 1992.

U.S. millers and repackagers distributed 42.6 million cwt of rice in 1988/89 for three domestic uses, direct food, processed food, and beer, an 11-percent rise since the last marketing survey year, 1986/87. Around half of U.S. rice production has been used domestically since 1988/89.
Order # SB-836. \$8.00

State-Level Costs of Production: Major Field Crops, 1987-89, by Mir B. Ali. 129 pp. May 1992.

Includes data on production cash costs and returns per planted acre, production economic costs and returns per planted acre, and average machinery use per planted acre, by State, for barley, corn, cotton, oats, peanuts, rice, grain sorghum, soybeans, and wheat. Costs of raising major U.S. crops increased slightly in 1989 because farmers paid more for inputs, mainly seeds, a direct result of the 1988 drought.
Order # SB-838. \$11.00

The Food and Agricultural Policy Simulator: Estimation of Farm Production Expenses, by J. Michael Price, Ralph Seeley, and Charlotte K. Tucker. 32 pp. May 1992.

The Food and Agricultural Policy Simulator models the U.S. agricultural sector so analysts can examine the effects of proposed policy changes. This report details empirical estimation of farm production expenses. It presents the theoretical background for the estimated equations for expenses and discusses the reliability of estimates.
Order # TB-1803. 8.00

ERS-NASS Video Tapes

ERS: Economic Research for American Agriculture

Historical account of the role of economic research in the success of American agriculture. 16-1/2 minutes. 7/85.
Order No. VT001 \$15.00

Today and Tomorrow

The U.S. Department of Agriculture's Outlook program analyzes the current situation for U.S. and world crops, and provides a forecast of future supplies and prices. "Today and Tomorrow" is an overview of the Outlook program from its beginning in the 1920's, to the current comprehensive program of research and analysis. 23 minutes. 3/86.
Order No. VT002 \$15.00

The Need To Know

Begins with a futuristic "what if?" opening, and then outlines the history, significance, and contributions of agricultural statistics and USDA's National Agricultural Statistics Service. 23 minutes. 6/88.
Order No. VT003 \$15.00

Your Hometown

An informative and entertaining look at small town rural America. Originally seen on public television stations nationwide, and narrated by James Whit-

more, the program focuses on three rural communities where citizens use innovative thinking and teamwork to revitalize their own towns. 1 hour. 2/88.
Order No. VT004 \$15.00

Alternative Agriculture: Growing Concerns

Can U.S. farmers produce at a profit while practicing low-input, sustainable agriculture (LISA)? "Growing Concerns" investigates the benefits and drawbacks of LISA. An excellent overview, this documentary was originally seen as a five-part series on national television. 19 minutes. 1/89.
Order No. VT005 \$15.00

Ethanol: Economic and Policy Tradeoffs

Ethanol can contribute to the national goals of energy security, a clean environment, and a healthy economy, but there are tradeoffs. 25 minutes. 11/89.
Order No. VT006 \$15.00

American Harvest

Farming in America is not what you think it is. That's the theme of this program which investigates farms, farming and rural America, and farm families. Visit a "lifestyle" farm in Virginia, a soybean/hog operation in Illinois, and a large California farm that grows just about everything. 30 minutes. 11/91.
Order No. VT007 \$15.00

A Complete Listing

Here and on the pages that follow is a listing of all other monographs, data products, and periodicals currently available from the ERS-NASS order desk. Please order by number using the order form on pages 35-36. Or call our order desk toll-free at 1-800-999-6779 (8:30-5:00 Eastern Time, in the United States and Canada) and charge your purchase to your VISA or MasterCard. Other areas, please call 301-725-7937.

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Banking and Farm Credit

Profit Efficiency of Farm Credit System Associations, by Robert N. Collendar and others. 15 pp. November 1991. **Order # AGES 9155. \$4.00.** A technical investigation of the viability and efficiency of FCS direct-lending associations. Despite recent and considerable consolidation, farm credit system associations may benefit from yet further mergers.

Recent Developments at the Farm Credit System, by Merritt Hughes. 16 pp. September 1989. **Order # AIB-572. \$3.00.** Outlines the recent financial position of the FCS and a number of factors likely to contribute to, or impede, its recuperation.

Banking and Farm Credit, PKG-11. Includes next three listings: *Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89* AND *Deregulation and Structure of Rural Financial Markets* AND *Prospective Rural Effects of Bank Deregulation*. A \$33.00 value for \$20.00. **Order # PKG-11. \$20.00.**

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89, by James J. Mikesell and Felice S. Marlbor. 145 pp. March 1991. **Order # SB-823. \$14.00.** Presents and analyzes weighted and unweighted mean-operating statistics for nonmetro, metro, and all U.S. banks for 1987-89.

Deregulation and Structure of Rural Financial Markets, by Daniel L. Milkove and Patrick J. Sullivan. 50 pp. February 1990. **Order # RDRR-75. \$8.00.** Examines the structure of rural bank markets, determines how this structure changed during the 1980's, and discusses probable scenarios for the future of the rural banking system.

Prospective Rural Effects of Bank Deregulation, by Stephen W. Hiemstra. 56 pp. March 1990. **Order # RDRR-76. \$11.00.** Focuses on rural implications of the expansion of commercial banks into investment banking and addresses provisions in the legislation.

Modeling Long-Term Government Bond Yields: An Efficient Market Approach, by Paul Sundell and Mark Denbaly. 13 pp. March 1992. **Order # AGES 9207. \$5.00.** Constructs a model for generating forecasts of T-bond rates that can be used to predict specific agricultural long-term interest rates.

An Analysis of the Recent Surge in Consumer Debt in Rural Areas, by Donald L. Lerman. 40 pp. April 1990. **Order # AGES 9030. \$8.00.** Examines several elements of the recent surge in consumer debt of rural households using household-level survey data.

An Analysis of Financial Performance of Federal Land Banks, Federal Intermediate Credit Banks, Farm Credit Banks, and Related Associations, 1986-89, by Robert N. Collender. 24 pp. April 1991. **Order # AGES 9117. \$8.00.** Finds the Farm Credit System experienced unprecedented distress and change during the 1980's, but saw substantial though unevenly distributed improvements in most areas by 1986-89.

An Examination of Federal Reserve Behavior: An Applied Reaction Function Approach, by Paul A. Sundell. 36 pp. April 1990. **Order # AGES 9029. \$8.00.** Investigates the factors that have influenced Federal Reserve policy and, ultimately, bank interest rates.

Rural Conditions and Trends special report: Financial Institutions and Markets. 29 pp. Spring 1991. **Order # RCAT, Supplement-1, \$8.00.** A look at the health of the financial institutions serving rural America.

Commodities

Commodity Background Papers PKG-6. Includes all ERS commodity background papers. Each report summarizes in nontechnical form the experience with various farm programs and the key characteristics of the commodities and the farm industries which produce them. Titles you will receive: *U.S. Feed Grains, Food Grains, Soybeans and Peanuts, Cotton, Wool and Mohair, Honey, Tobacco, Dairy, Sugar, and Agricultural Export Programs*. A \$96 value for just \$45.00. **Order # PKG-6. \$45.00.**

Ranking of States and Commodities by Cash Receipts, 1990, by Roger Strickland and others. 89 pp. November 1991. **Order # SB-832. \$11.00.** Lists the top 25 commodities for each State as well as for the Nation, in terms of value of receipts. Also shows top State producers for nearly 40 major commodities, ranging from cattle and calves to vegetables and fruits.

U.S. Egg and Poultry Statistical Series, 1960-90, by Agnes Perez and others. 254 pp. December 1991. **Order # SB-833. \$14.00.** Data on eggs, broilers, and turkeys cover indicators of production, stocks, trade, per capita consumption, costs of production, farm prices, wholesale prices, and retail prices.

Bibliography of Economic Reports on the Production and Marketing of Fruits and Vegetables, 1981-89, by Joan Pearrow and Nadine Loftin. 71 pp. September 1990. **Order # BLA-102. \$11.00.** Lists research publications that deal with the economics of fruits and vegetables published from January 1981 to June 1989.

The U.S. Watermelon Industry, by Amy J. Allred and Gary Lucier. 73 pp. March 1990. **Order # AGES 9015. \$11.00.** Reviews supply and utilization trends, prices, transportation, packaging, marketing, cash receipts, and costs of producing watermelons.

U.S. Sugar Statistical Compendium, by Luigi Angelo and others. 136 pp. August 1991. **Order # SB-830. \$11.00.** Contains time-series data designed for use in monitoring and analyzing current developments and trends in the U.S. sugar industry, 1970-90.

Leading Commodity Cash Receipts, 1960-87, by Robert P. Williams and others. 132 pp. March 1989. **Order # SB-777. \$8.00.** Presents data on cash receipts for 25 leading commodities by State to reflect production and sales of each commodity in each State.

U.S. Potato Statistics, 1949-89, by Gary Lucier. 140 pp. August 1991. **Order # SB-829. \$11.00.** Presents detailed statistics on potatoes for 49 States and the Nation since 1949. Also includes world acreage and production since 1961.

U.S. Rice Distribution Patterns, 1986/87, by Nathan W. Childs. 29 pp. March 1989. **Order # SB-776. \$5.50.** Detailed data on domestic rice shipments and distribution from 31 rice milling and 7 repackaging firms.

Integrated Pest Management (IPM) in the Vegetable Industry During the 1980's, by Catherine R. Greene and Gerrit W. Cuperus. 19 pp. February 1991. **Order # AGES 9107. \$8.00.** Examines the funding and adoption of IPM programs for vegetable crops, using statistics based on annual State-level Extension Service reports.

Choice Beef Prices and Price Spreads Series: Methodology and Revisions, by T. Fred White and others. 52 pp. February 1991. **Order # AGES 9106. \$8.00.** Presents a revised ERS methodology for calculating Choice retail, wholesale, and live beef values and the resulting series of price spreads.

Cattle Feeding, 1962-89: Location and Feedlot Size, by Kenneth R. Krause. 60 pp. April 1991. **Order # AER-642. \$11.00.** Finds that four Plains States marketed over 70 percent of the 22,955,000 head of cattle fed in 13 cattle-feeding States in 1989.

Reevaluation of the Beef Carcass-to-Retail Weight Conversion Factor, by Kenneth E. Nelson and others. 44 pp. October 1989. **Order # AER-623. \$5.50.** Develops a new method for evaluating the conversion factor used for changing beef carcass weight data to retail weight.

Data, Linkages, and Models: U.S. National Income and Product Accounts in the Framework of a Social Accounting Matrix, by Kenneth A. Hanson and Sherman Robinson. 38 pp. January 1989. **Order # AGES 89-5. \$5.50.** Discusses use of a social accounting matrix which reflects an action/transaction view of the economy and supports disaggregated modeling.

U.S. Egg and Poultry Statistical Series, 1960-89, by Mark R. Weimar and Shauna Cromer. 234 pp. September 1990. **Order # SB-816. \$14.00.** Reports monthly, quarterly, and annual 1960-89 data for eggs, turkeys, and broilers. Data cover production, stocks, trade, per capita consumption, costs of production, farm prices, wholesale prices, and retail prices.

Quarterly Forecasting of Meat Retail Prices: A Vector Autoregression Approach, by Howard Elitzak and W. Noel Blisard. 20 pp. June 1989. **Order # AGES 8927. \$5.50.** Uses vector autoregression models to forecast five meat and fish Consumer Price Indexes.

Floriculture and Environmental Horticulture Products: A Production and Marketing Statistical Review, 1960-88, by Doyle C. Johnson. 245 pp. September 1990. **Order # SB-817. \$14.00.** Provides statistical information on the production, marketing, and trade of floral, nursery, and related products of the greenhouse and nursery industry in the United States and the world.

Wheat, PKG-13. Includes *Representative U.S. Wheat Farms and Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat*. A \$16.50 value for \$12.00. **Order # PKG-13. \$12.00.**

Representative U.S. Wheat Farms, by Michael E. Salassi. 71 pp. January 1990. **Order # SB-786. \$11.00.** Gives average organizational and financial characteristics of representative farms, by size, in 12 States.

State-Level Wheat Statistics, 1949-88, by Jim Langley and Suchada Langley. 96 pp. March 1989. **Order # SB-779. \$8.00.** Provides State-level data on production levels and trends for all wheat, winter wheat, durum wheat, and other spring wheat for 1949-88.

The Wheat Program in the 1990's: Issues for Decision-makers, by Edwin Young and others. 16 pp. June 1990. **Order # AIB-606. \$4.00.** Describes the evolution of U.S. wheat policy and major wheat program issues of the 1990's.

Consumer Demand Analysis When Zero Consumption Occurs: The Case of Cigarettes, by James R. Blaylock and William N. Blisard. 21 pp. September 1991. **Order # TB-1792. \$8.00.** Uses cigarettes as an example of a commodity whose characteristics must be well understood by analysts conducting surveys of household purchases. Zero use of a product could mean an individual never uses a product, or the survey period was too short, for example.

Characteristics of Burley Tobacco Farms, by Tom Capehart. 11 pp. September 1991. **Order # AIB-633. \$4.00.** Burley tobacco is the second most important kind of tobacco grown in the United States. This report examines structure and characteristics of burley tobacco farming in Kentucky and Tennessee using data from the 1989 Farm Costs and Returns Survey.

Flue-Cured Tobacco Farms: Selected Characteristics, by Tom Capehart and Annette Clauson. 29 pp. December 1991. **Order # AER-653. \$8.00.** Examines changes in the structure of flue-cured tobacco production in Florida, Georgia, North and South Carolina, and Virginia.

Effects of Railroad Deregulation on Grain Transportation, by James M. MacDonald. 52 pp. June 1989. **Order # TB-1759. \$5.50.** Looks at how shippers now benefit from increased competition among railroads and from reductions in rail costs.

The U.S. Sheep Industry, by Richard Stillman and others. 52 pp. July 1990. **Order # AGES 9048. \$8.00.** Focuses on production of lamb and lamb products, returns in the sheep industry, demand, and marketing trends.

Sheep Production in 11 Western States, by Hosein Shapouri. 37 pp. September 1991. **Order # AGES 9150. \$8.00.** Summarizes results of the 1986 Farm Costs and Returns Survey of sheep producers. Net cash returns for U.S. sheep producers remained positive for the 18th consecutive year starting in 1972.

Sheep and Goat Predator Loss. 16 pp. April 1991. **Order # ZSGS-01. \$5.00.** The first nationwide survey of predator losses in over a decade finds that a total of 490,000 sheep and lambs were lost to animal predators during 1990.

Financial Performance of Specialized Hog Farms, by Robert Dubman and Gregory Hanson. 12 pp. December 1989. **Order # AIB-578. \$3.00.** Finds that specialized hog farms had more favorable financial conditions in 1987 than most other commodity specialty farms.

Representative U.S. Corn Farms, 1987, by Michael E. Salassi, and others. 60 pp. April 1991. **Order # SB-820. \$11.00.** Discusses differences in the organization and financial structure of U.S. corn farms in major producing States and in small, midsized, and large corn farms in three regions in 1987.

Financial Performance of Specialized Corn-Soybean Farms, 1987, by Robert Dubman and Gregory Hanson. 12 pp. January 1990. **Order # AIB-583. \$4.00.** Finds that specialized corn-soybean farms fared better financially in 1987 than most other specialized commodity farms.

Optimal Futures Positions for Corn and Soybean Growers Facing Price and Yield Risk, by Dwight Grant. 48 pp. March 1989. **Order # TB-1751. \$5.50.** Presents a model of futures trading for crop producers with random yields.

Characteristics and Production Costs of U.S. Soybean Farms, 1986, by William D. McBride. 21 pp. April 1991. **Order # AIB-623. \$8.00.** Compares selected characteristics and costs of production among soybean producers.

Soybeans, PKG-14. Includes *Financial Performance of Specialized Corn-Soybean Farms, 1987* and *Characteristics and Production Costs of U.S. Soybean Farms, 1986*. A \$12.00 for \$9.00. **Order # PKG-14. \$9.00.**

The U.S. Milling and Baking Industries, by Joy L. Harwood and others. 74 pp. December 1989. **Order # AER-611. \$8.00.** Describes the milling and baking industries' structure, conduct, and performance, and examines current trends.

Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1990/91 Season, by Edward H. Glade, Jr., and others. 4 pp. November 1991. **Order # AGES 9157. \$4.00.** Average ginning and wrapping charges in 1990/91 were \$43.68, a drop of 58 cents per 480-pound bale compared with the year before.

Cotton Production and Water Quality: An Initial Assessment, by Stephen R. Crutchfield and others. 28 pp. February 1991. **Order # AGES 9105. \$8.00.** Shows that current cotton practices potentially allow nitrates to leach into ground water and pesticides to drain into surface water.

Cotton Production Costs Vary Widely by Region, Yield, and Operation Size, by Kenneth H. Mathews, Jr., and others. 11 pp. January 1991. **Order # AIB-617. \$4.00.** Describes the cost of producing cotton in 1987 to see how yield, size, irrigation and other inputs, land tenure, and producer age and education affected cotton production costs among and within regions.

Cotton Agricultural Chemical Use and Farming Practices in 1989: An Overview of Survey Results, by Stephen R. Crutchfield. 17 pp. December 1990. **Order # AGES 9076. \$4.00.** Summarizes current cotton production practices regarding pesticide and fertilizer use, pest management practices, soil conservation and tillage practices, water use, and characteristics of cotton producers.

Approaches to Modeling Retail-Farm Price Spreads and Derived Demand Relationships for Food Commodities: A Selected, Annotated Bibliography, by Michael K. Wohlgenant and Richard C. Haidacher. 35 pp. July 1991. **Order # AGES 9136. \$8.00.** Reviews 88 theoretical and empirical studies that focus on various aspects related to modeling the economic linkage between retail demand and farm-level demand for food commodities and related inputs.

Beefpacking and Processing Plants: Computer-Assisted Cost Analysis, by Lawrence A. Duewer and Kenneth E. Nelson. 71 pp. April 1991. **Order # AGES 9115. \$11.00.** Presents a computer program that simulates, in considerable detail, beefpacking plant costs.

The following NASS monographs give final estimates for a number of crops and commodities.

Field Crops: Final Estimates, 1982-87. 84 pp. February 1990. **Order # SB-793. \$11.00.**

Stocks of Grains, Oilseeds and Hay: Final Estimates, 1983-88. 72 pp. February 1990. **Order # SB-794. \$11.00.**

Rice Stocks: Final Estimates, 1978-88. 32 pp. February 1990. **Order # SB-795. \$8.00.**

Citrus Fruits: Final Estimates, 1981-82 Crop Through 1986-87 Crop. 24 pp. February 1990. **Order # SB-796. \$8.00.**

Hogs and Pigs: Final Estimates, 1983-87. 32 pp. February 1990. **Order # SB-797. \$8.00.**

Cattle: Final Estimates, 1984-88. 68 pp. February 1990. **Order # SB-798. \$11.00.**

Monographs

Potatoes and Sweetpotatoes: Final Estimates, 1982-87. 42 pp. February 1990. **Order # SB-799. \$8.00.**

Sheep and Goats: Final Estimates, 1984-88. 25 pp. January 1990. **Order # SB-800. \$8.00.**

Chickens and Eggs: Final Estimates, 1984-87. 73 pp. December 1989. **Order # SB-801. \$11.00.**

Milk: Final Estimates, 1983-87. 64 pp. February 1990. **Order # SB-802. \$11.00.**

Meat Animals, Production, Disposition, and Income: Final Estimates, 1983-87. 37 pp. April 1990. **Order # SB-805. \$8.00.**

Poultry Production and Value: Final Estimates, 1984-87. 25 pp. April 1990. **Order # SB-806. \$8.00.**

Costs of Production

U.S. Average Costs of Production for Major Field Crops, by Mitchell Morehart and others. 15 pp. December 1991. **Order # AIB-639. \$4.00.** Finds that costs of production for most commodities increased only modestly from 1989 to 1990. Cotton rose the most, at 6 percent, while wheat, oats, and barley were relatively stable.

Estimates of the Costs of Producing Milk in Seven Major Milk-Producing Countries, 1986, by Derek Baker and others. 16 pp. August 1990. **Order # AGES 9056. \$4.00.** Looks at costs of producing milk in Canada, West Germany, France, Ireland, the Netherlands, New Zealand, and the United States.

Costs of Producing U.S. Livestock, 1972-87: Estimating and Methodology Update, by Hosein Shapouri and others. 98 pp. April 1990. **Order # AER-632. \$11.00.** Presents a way to make a consistent set of cost and returns estimates for U.S. livestock production in 1972-87, a period in which there were data gaps and in which many estimating methods and formats were used.

How Costs of Production Vary, by Mary Ahearn and others. 20 pp. May 1990. **Order # AIB-599. \$4.00.** Analyzes groups of producers at various cost levels and shows that costs of producing crops per unit of output vary considerably by farm.

State-Level Costs of Production, 1987, by Robert McElroy and others. 88 pp. March 1989. **Order # AGES 8913. \$8.00.** The State estimates in the 158 tables in this report cover data on major field crops (except sugar crops).

Costs of Producing Grapefruit in California and Florida, 1988/89, by Boyd M. Buxton. 7 pp. July 1991. **Order # AER-652. \$4.00.** Based on a March 1990 survey, total costs were \$6.82 for producing a 64-pound box of grapefruit in California and \$5.00 for an 85-pound box in Florida.

Costs of Producing Oranges in California and Florida, 1988/89, by Boyd M. Buxton. 8 pp. June 1991. **Order # AER-650. \$4.00.** Based on a March 1990 survey, total costs were \$7.29 for producing a 75-pound box of oranges in California and \$7.48 for a 90-pound box of oranges in Florida.

The following reports present State-level commodity production costs and returns estimates for 1986-88:

Peanuts: State-Level Costs of Production, 1986-88, by Robert Dismukes and others. 24 pp. September 1990. **Order # AGES 9063. \$8.00.**

Cotton: State-Level Costs of Production, 1986-88, by Kenneth H. Mathews, Jr., and others. 27 pp. September 1990. **Order # AGES 9061. \$8.00.**

Corn: State-Level Costs of Production, 1986-88, by Robert A. Pelly and Mir B. Ali. 35 pp. June 1990. **Order # AGES 9045. \$8.00.**

Barley: State-Level Costs of Production, 1986-88, by William D. McBride and others. 26 pp. June 1990. **Order # AGES 9046. \$8.00.**

Costs of Production, PKG-15. Includes *Peanuts: State-Level Costs of Production, 1986-88* and *Cotton: State-Level Costs of Production, 1986-88* and *Corn: State-Level Costs of Production, 1986-88*. PLUS *Barley: State-Level Costs of Production, 1986-88*. A \$32.00 value for \$20.00. **Order # PKG-15. \$20.00.**

Farm Programs

Toward an Analysis of the Farmers Home Administration's Direct and Guaranteed Farm Loan Programs, by William Herr. 33 pp. April 1991. **Order # AGES 9116. \$8.00.** Examines whether the credit delivery mode affects the number and kinds of borrowers receiving FmHA assistance and thus rural credit markets.

Profile of Participants in FmHA's Guaranteed Farm Loan Programs, by Steven R. Koenig and Patrick J. Sullivan. 48 pp. December 1991. **Order # AGES 9160. \$8.00.** Establishes a baseline of information about the operation of the guaranteed loan programs before the advent of the federally sponsored secondary market for such loan guarantees.

Program Provisions for Rye, Dry Edible Beans, Oil Crops, Tobacco, Sugar, Honey, Wool, Mohair, Gum Naval Stores, and Dairy Products: A Database for 1961-90, by Robert C. Green. 55 pp. June 1991. **Order # AGES 9128. \$11.00.** Summarizes the legislative authority for commodity support programs and gives program-provision data in tables for listed commodities.

Crops, Livestock, and Farm Programs: Overlooked Interactions, by Clark Edwards. 64 pp. September 1990. **Order # AER-638. \$11.00.** Examines how shifts in consumer and importer demand, resource supply, technology, capital accumulation, or farm programs affect different enterprises in ways often not anticipated by policy advisors.

An Economic Assessment of the Freeze on Program Yields, by Thomas W. Hertel and others. 26 pp. December 1990. **Order # AGES 9066. \$8.00.** Finds that the freeze on program payment yields under the Food Security Act of 1985 apparently reduced use of variable inputs in wheat production while raising market prices and net returns.

Effects of Government Programs on Rice Production Costs and Returns, by Michael Salassi and others. 12 pp. March 1990. **Order # AIB-597. \$4.00.** This analysis, the first of its kind to show direct effects of Government programs, finds gross returns, production costs, and net returns to be higher when Government payments are included in the costs/returns calculations.

Profile of Farms Benefiting from the 1982 Farm Commodity Programs, by Frederick J. Nelson. 72 pp. September 1989. **Order # AGES 8932. \$8.00.** Looks at the 1982 and 1986 commodity support programs and program beneficiaries' characteristics.

Program Provisions for Program Crops: A Database for 1961-90, by Robert C. Green. 113 pp. March 1990. **Order # AGES 9010. \$11.00.** Looks at legislation that provided the foundation for commodity support programs and highlights legislation that revised and supplemented the basic structure of these programs.

U.S. Farm Programs and Agricultural Resources, by Robbin Shoemaker and others. 12 pp. September 1990. **Order # AIB-614. \$4.00.** Finds that U.S. agricultural programs have a greater effect on land and other farm inputs than on commodity production.

Federal Crop Insurance and the 1990 Farm Bill: An Assessment of Program Options, by Joseph W. Glauber and others. 38 pp. September 1989. **Order # AGES 8945. \$5.50.** Examines how the program and alternatives affect market prices, commodity market participation, producer revenues, and the Federal budget.

The Disaster Assistance Act of 1989: A Description of the Provisions, by Susan L. Pollack. 19 pp. November 1989. **Order # AGES 8959. \$5.50.** Summarizes provisions of the Disaster Assistance Act of 1989 (P.L. 101-82) which provided assistance to crop and livestock producers who suffered harvest losses from natural disasters in 1988 and 1989.

U.S. Milk Markets Under Alternative Federal Order Pricing Policies, by Howard McDowell, Ann Fleming, and Felix Spinelli. 31 pp. November 1990. **Order # AGES 9068. \$8.00.** Compares U.S. milk markets under 1988 provisions against three alternative policies using an interregional trade model comprising 15 regions.

Economic Effects of Mandatory Production Controls, by C. Edwin Young and others. 36 pp. March 1989. **Order # AER-595. \$5.50.** A mandatory production control program using acreage allotments to increase commodity prices to 80 percent of parity will increase aggregate net farm income by slightly less than \$80 billion over 5 years and can raise consumer costs by about the same amount (over current trends).

Federal Marketing Orders for Fruits, Vegetables, Nuts, and Specialty Crops, by Nicholas J. Powers. 34 pp. March 1990. **Order # AER-629. \$8.00.** Explains why there is a Federal marketing order for horticultural crops, its development and operation, and its effect on market participants.

Federal Marketing Orders for Horticultural Crops, by Nicholas J. Powers. 16 pp. March 1990. **Order # AIB-590. \$4.00.** Describes the purpose of horticultural marketing orders and their effects on growers, marketers, input suppliers, food processors, and consumers.

Farmworkers and Farm Employment

Farm Employment and Wage Rates, 1910-1990. 217 pp. March 1991. **Order # SB-822. \$14.00.** Combines selected farm labor estimates from 1910-90 into a single reference. Includes a history of the farm labor data series.

Hired and Contract Labor in U.S. Agriculture, 1987: A Regional Assessment of Structure, by Victor J. Oliveira. 20 pp. May 1991. **Order # AER-648. \$8.00.** Finds that U.S. farmers spent almost \$13 billion on hired and contract labor in 1987, about 12 percent of total farm production expenses.

Trends in the Hired Farm Working Force, 1945-87, by Victor J. Oliveira. 16 pp. April 1989. **Order # AIB-561. \$3.00.** Examines factors behind the historical trends in the size and composition of the hired farm workforce.

The Agricultural Work Force of 1987: A Statistical Profile, by Victor J. Oliveira and E. Jane Cox. 40 pp. May 1989. **Order # AER-609. \$5.50.** Discusses the demographic, employment, and regional characteristics of the agricultural work force, including hired farmworkers, farm operators, and unpaid farmworkers.

A Profile of Hired Farmworkers, 1990 Annual Averages, by Victor J. Oliveira. 10 pp. February 1992. **Order # AER-658. \$5.00.** Examines demographic and employment characteristics of hired farmworkers using data from the Current Population Survey earnings microdata file. The number of hired farmworkers in the United States averaged 886,000 per week in 1990.

U.S. Farm and Farm-Related Employment in 1988: How Large, Important, and Regionally Different? by T. Alexander Majchrowicz and David E. Hopkins. 10 pp. December 1991. **Order # AIB-634. \$4.00.** Finds that farm and farm-related employment was 18 percent (23 million jobs) of total U.S. employment in 1988, using a broad definition of the agricultural sector.

Employment Trends in Farm and Farm-Related Industries, 1975-87, by T. Alexander Majchrowicz. 39 pp. April 1991. **Order # AGES 9121. \$8.00.** Shows that agricultural production jobs have declined, some farm-related industries have declined or remained stable, and other industries that process, market, and sell agricultural products have seen employment growth.

A Summary of Federal Laws and Regulations Affecting Agricultural Employers, by Jack L. Runyan. 18 pp. January 1989. **Order # AIB-550. \$5.50.** A single source of information describing Federal laws and regulations that pertain to agricultural employer-employee relations and agricultural employment taxes.

Will Immigration Reform Affect The Economic Competitiveness of Labor-Intensive Crops? by James A. Duffield and Lowell Gunter. 28 pp. May 1991. **Order # AGES 9126. \$8.00.** Identifies U.S. producers of labor-intensive crops most likely to be exposed to more competition if immigration reform increases their labor costs.

Alternative Definitions of Farm People, by Vera Banks and others. 36 pp. March 1989. **Order # AGES 89-9. \$5.50.** Notes differences among farm population definitions by residence, income, and farm occupation.

Monographs

Labor Expenditures Help Determine Farms Affected by Immigration Reform, by James A. Duffield and others. 16 pp. April 1989. **Order # AIB-557. \$3.00.** Focuses on farms that reported labor expenditures in 1986 in terms of commodities produced, sales class, and location to identify farms most vulnerable to a reduced supply of farmworkers.

Where Do Farm Households Earn Their Income? by Nora Brooks and Donn A. Reimund. 8 pp. February 1989. **Order # AIB-560. \$3.00.** Examines the relative importance of farm and off-farm sources of income by type of farm, farm size, region, and proximity to metro employment centers.

Estimating Farm Labor Elasticities to Analyze the Effects of Immigration Reform, by James A. Duffield. 20 pp. February 1990. **Order # AGES 9013. \$8.00.** Uses a simultaneous equation model to measure the effect of the Immigration Control Act of 1986 on the U.S. farm labor market.

Nonfarm Employment of Farm Operators, Hired Farmworkers, and Unpaid Farmworkers, by Victor J. Oliveira. 20 pp. January 1990. **Order # AER-624. \$4.00.** Looks at age of worker, education level, minority status, head of household status, days spent doing farmwork, and residence in metropolitan areas and how these factors affect hired farmwork.

Agriculture-Related Employment: Farm Commodity Programs and Rural Economies, by Mindy Petrusis and others. 16 pp. September 1990. **Order # AIB-613. \$4.00.** Describes the modern food and fiber complex and Government commodity programs and how they affect nonmetro economies and employment.

A Geographic Analysis of Seasonal Agricultural Services Farms, by Jack L. Runyan and Victor J. Oliveira. 19 pp. March 1992. **Order # AIB-645. \$5.00.** This report details labor expenditure data to determine location and types of seasonal agricultural services (SAS) farms (36 percent of them in Florida and California) that used the most farm labor.

Characteristics of Agricultural Work Force Households, 1987, by Victor J. Oliveira and E. Jane Cox. 8 pp. August 1990. **Order # AIB-612. \$4.00.** Spotlights those households most affected by farm job loss.

Farm Operations and Finance

Midsized Farms in 1987, by Nora L. Brooks. 9 pp. April 1992. **Order # AIB-648. \$5.00.** Shows characteristics of midsized farms (commercial farms with sales of \$50,000-\$249,999) and their operators, geographic distribution, participation in Government farm programs, and commodity specialization types.

Farm Businesses End the Decade With Strong Financial Performance, by Mitchell J. Morehart and others. 21 pp. October 1990. **Order # AIB-616. \$8.00.** Presents findings (as of January 1, 1990) on the financial performance of U.S. farms. Updates the next two listings.

Financial Characteristics of U.S. Farms, January 1, 1989: A Summary, by Mitchell J. Morehart and others. 16 pp. July 1989. **Order # AIB-569. \$3.00.** Summarizes information on the financial performance of farmers from the January 1, 1989, Farm Costs and Returns Survey.

Financial Characteristics of U.S. Farms, January 1, 1989, by Mitchell J. Morehart and others. 171 pp. December 1989. **Order # AIB-579. \$8.00.** Provides a detailed analysis of farm financial performance based on the latest information from the January 1, 1989, Farm Costs and Returns Survey.

Loan Repayment Problems of Farmers in the Mid-1980's, by Gregory D. Hanson and others. 29 pp. September 1991. **Order # AER-649. \$8.00.** Reviews the bottom line of the 1980's farm financial crisis: farmers' loan defaults and subsequent loan losses. The financial squeeze subsided during the late 1980's, mainly through a combination of debt repayment and loan writeoffs.

Diversity in U.S. Agriculture: A New Delineation by Farming Characteristics, by Judith E. Sommer and Fred K. Hines. 19 pp. July 1991. **Order # AER-646. \$8.00.** Provides a starting point for assessing regional differences in the effects of alternative public policies on the farm sector. Includes a multicolor map illustrating the diversity of crops grown in various U.S. counties.

Farm Sector Balance Sheet, Including Operator Households, 1960-89: United States and by State, by Kenneth Erickson and others. 211 pp. August 1991. **Order # SB-826. \$14.00.** Furnishes the latest farm sector balance sheet estimates developed by ERS, incorporating numerous revisions in estimating procedures and changes in data in national and State-level estimates of assets, debt, and equity.

Farm Sector Balance Sheet, Including Operator Households, 1960-89, and Excluding Operator Households, 1974-89: By Sales Class, by Kenneth Erickson and others. 48 pp. November 1991. **Order # SB-831. \$8.00.** Furnishes the latest farm sector balance sheet estimates developed by ERS. The distribution of farm assets, debt, and equity has shifted over time.

Farms Without Program Payments, by Robert D. Reinsel. 12 pp. August 1991. **Order # AIB-630. \$4.00.** About 1.4 million farms, two-thirds of all farms, operated without direct Federal farm program support in 1987 or 1988. These farms either did not produce the program commodities or did not participate in farm programs, but could receive Government support through marketing orders, crop insurance subsidies, or other support mechanisms.

Farm Financial Stress, Farm Exits, and Public Sector Assistance to the Farm Sector in the 1980's, by Jerome M. Stam and others. 56 pp. April 1991. **Order # AER-645. \$8.00.** Examines the effects of short-term economic events on farm exits, net changes in farm numbers, longrun trends in farm numbers, and public sector support for the farm sector.

Estimating Entry and Exit of U.S. Farms, by Fred Gale and David Henderson. 16 pp. March 1991. **Order # AGES 9119. \$4.00.** Finds that the number of farms declined during the 1980's mostly because of fewer people starting farms rather than an increase in the rate of operators leaving farming.

Farms and Land in Farms: Final Estimates, 1979-87. 8 pp. February 1990. **Order # SB-792. \$4.00.** NASS' review of 1979-87 statistics on farms and land in farms.

Involuntary Exits from Farming: Evidence from Four Studies, by Susan E. Bentley and others. 16 pp. November 1989. **Order # AER-625. \$3.00.** Analyzes four cases of farm exit in southwestern Wisconsin, Texas, North Dakota, and Dodge County, Georgia, mainly during the early 1980's.

Exits from Farming in Southwestern Wisconsin, 1982-86, by Susan E. Bentley and William E. Saupe. 24 pp. February 1990. **Order # AER-631. \$8.00.** Finds that one in every five farm operators in southwestern Wisconsin left farming in the early 1980's.

Farm Financial Conditions, by Region, January 1, 1989, by Gregory Hanson and others. 12 pp. December 1989. **Order # AIB-577. \$3.00.** Presents farm financial findings from USDA's annual Farm Costs and Returns Survey.

Farm Operating and Financial Characteristics, 1987, by Mitchell Morehart. 168 pp. April 1990. **Order # AGES 9032. \$14.00.** Presents an assortment of farm economic data along with statistical measures of precision for 1987.

Alternative Measures of Farm Output to Classify Farms by Size, by Gregory D. Hanson and others. 32 pp. January 1989. **Order # TB-1749. \$5.50.** Looks at six different ways of classifying farms to determine how they are faring: three measures based on value of sales and three measures based on value of production.

Estimating Supply Response of Multiproduct Farms, by V. Eldon Ball. 24 pp. January 1989. **Order # TB-1750. \$5.50.** Finds that operators of multiproduct farms make production decisions based on aggregate economic assessments, not just on isolated assessments for each crop.

The U.S. Farming Sector Entering the 1990's: Twelfth Annual Report on the Status of Family Farms, by Thomas Carlin and Sara Mazie. 72 pp. June 1990. **Order # AIB-587. \$11.00.** Finds that the U.S. farm sector entered the 1990's in a much-improved financial position after the financial difficulties of the early and mid-1980's.

The Distribution of Farm Program Payments, 1987, by Robert D. Reinsel. 11 pp. June 1990. **Order # AIB-607. \$4.00.** Shows which groups of farms received Government program payments in 1987, and in what amount and proportion.

Cash Rents for Farms, Cropland, and Pasture, 1960-89, by John Jones and Roger Hexem. 43 pp. October 1990. **Order # SB-813. \$8.00.** This bulletin reports State-average cash rents for whole farms, cropland, and pasture and cash rents as percentages of rented land values during 1960-89.

Farm Structural Trends in the 1980's, by Nora L. Brooks and others. 6 pp. June 1990. **Order # AIB-605. \$4.00.** A snapshot of the farm sector, covering trends in farm numbers, size, sales, asset values, operator characteristics, and farmland, based on 1987 Census of Agriculture data.

Farmer Buying/Selling Strategies and Growth of Crop Farms, by Kenneth R. Krause. 132 pp. April 1989. **Order # TB-1756. \$8.00.** Finds that large crop farms, with large input purchases and product sales, can often bargain for better terms than are available to smaller farms and can get better prices or access to services.

Dynamic Asset Replacement Decisions To Enhance Farm Profits, by John W. McClelland and others. 24 pp. June 1989. **Order # TB-1758. \$5.50.** Develops a model which can improve farm profitability by helping farmers determine when to rejuvenate assets instead of replacing them.

A Historical Look at Farm Income, by Cheryl D. Johnson. 27 pp. May 1990. **Order # SB-807. \$8.00.** Presents the national farm income statistics, dating back to 1910.

Aspects of Farm Finances: Distribution of Income, Family Income, and Direct Payments, 1986, by Robert D. Reinsel and David Banker. 28 pp. April 1990. **Order # AER-630. \$8.00.** Cross-classifies 1986 Farm Costs and Returns Survey data to more clearly show the diverse nature of farms and their greatly varying financial conditions.

1988 Farm Costs and Returns Survey Data: Selected State and Region Highlights. 151 pp. February 1990. **Order # AGES 9012. \$11.00.** A collection of 34 reports highlighting 1988 data compiled from the annual Farm Costs and Returns Survey.

Farmland

Owning Farmland in the United States, by Gene Wunderlich. 14 pp. December 1991. **Order # AIB-637. \$4.00.** Looks at the concentration of landownership and characteristics of operator and nonoperator owners. Farmland ownership continues to become more concentrated in the hands of fewer people.

Leasing Farmland in the United States, by Denise Rogers. 16 pp. December 1991. **Order # AGES 9159. \$4.00.** Examines the extent of agricultural leasing, the characteristics of owners who lease land, and the nature of leasing arrangements.

Farmland Ownership and Renting in the United States, 1987, by Olaf Kula and Denise Rogers. 12 pp. June 1991. **Order # AGES 9130. \$8.00.** Summarizes information from the 1987 Census of Agriculture on owning and renting farmland. Also furnishes information on farms operated by females and blacks, types of farm operators who work off the farm, and concentration of farm corporations.

Farm Buildings and Farmland: An Analysis of Capital Formation, by Patrick Canning. 50 pp. February 1992. **Order # TB-1801. \$8.00.** Examines how USDA measures value of the two main physical assets and most costly inputs on the farm, land and buildings, and assesses efficiency of models used.

Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties, by Ralph E. Heimlich and others. 45 pp. August 1991. **Order # AIB-629. \$8.00.** Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past. Despite claims to the contrary, the amount of U.S. rural land—and level of agricultural production—is not threatened by the present rate of urbanization.

Trends in Ownership Transfers of Rural Land, by Gene Wunderlich. 8 pp. May 1990. **Order # AIB-601. \$4.00.** Presents findings of 1988 survey of rural land transfers to determine rate of change of rural real estate ownership.

Monographs

Rural Land Transfers in the United States, by Paul W. Barkley and Gene Wunderlich. 20 pp. October 1989. **Order # AIB-574. \$5.50.** Using a 1988 survey, report shows that 88.4 percent of all rural land transferred each year is agricultural land, but only 4.8 percent of land transferred each year goes to nonfarmers.

Transfers of Rural Land, by Gene Wunderlich. 4 pp. July 1989. **Order # AIB-568. \$3.00.** Summarizes a 1988 nationwide survey of rural land transfers which found 4.6 percent of parcels and 3.5 percent of rural acreage changed hands in 1987.

Land Transfers, PKG-16. Includes *Trends in Ownership Transfers of Rural Land* and *Rural Land Transfers in the United States and Transfers of Rural Land*. A \$12.50 value for \$9.00. **Order # PKG-16. \$9.00.**

State Laws Relating to the Ownership of U.S. Land by Aliens and Business Entities, December 31, 1989, by J. David Aiken. 88 pp. March 1991. **Order # AGES 9111. \$11.00.** A guide for persons interested in determining the way that State laws may affect alien or business-entity ownership of U.S. land.

Foreign Investment in U.S. Cropland: Some Evidence on the Role of Exchange Rates, Interest Rates, and Returns on Cropland, by John Kitchen and J. Peter DeBraal. 13 pp. September 1989. **Order # AGES 8944. \$3.00.** Examines the role of exchange rates, cropland returns, and the real interest rate as determinants of foreign investment in U.S. cropland.

Foreign Ownership of U.S. Agricultural Land Through December 31, 1991, by J. Peter DeBraal. 48 pp. April 1992. **Order # AGES 9211. \$8.00.** Foreign investment in U.S. agricultural land amounted to 14.8 million acres in 1,918 of 3,041 counties by the end of 1991. Data for each county show the number of acres and parcels, value, country of origin, and use of foreign-owned agricultural land.

Major Uses of Land in the United States: 1987, by Arthur B. Daugherty. 35 pp. January 1991. **Order # AER-643. \$8.00.** Shows that 75 percent of U.S. land area in 1987 was in cropland, grassland pasture and range, and forest land. Land in nonagricultural and miscellaneous other uses, such as parks and wildlife refuges, increased by 3 percent since 1982.

Agricultural Resources: Agricultural Land Values. 7 pp. April 1992. **Order # ARS-492. \$5.00.** This annual report finds that the per acre value of U.S. farm real estate rose 1 percent during 1991, the fifth consecutive increase since its downward slide ended in 1987.

Returns, Interest Rates, and Cropland Prices in Selected Regions, by Karl Gertel and Patrick Canning. 18 pp. April 1990. **Order # TB-1778. \$4.00.** Examines how returns to land and real interest rates on farm mortgages affect farmland prices in the Corn Belt, selected winter wheat-growing areas of Kansas, and soybean- and cotton-growing areas of the Mississippi Delta.

U.S. Grazing Lands: 1950-82, by Arthur B. Daugherty. 75 pp. January 1989. **Order # SB-771. \$8.00.** Examines grazing trends, demands, resources, and conditions of resources through 1982.

Metropolitan Growth and Agriculture: Farming in the City's Shadow, by Ralph E. Heimlich and Douglas H. Brooks.

20 pp. September 1989. **Order # AER-619. \$5.50.** Looks at farming in metro areas.

Structural Changes in U.S. Farmland, by Robert C. Reining. 17 pp. June 1990. **Order # AER-617. \$8.00.** Examines changes in the distribution of land, sales, and tenure among farms.

The Contribution of Speculative Bubbles to Farmland Prices, by Abebayehu Tegene and Fred Kuchler. 25 pp. July 1990. **Order # TB-1782. \$8.00.** Details tests for the presence of speculative bubbles in farmland prices.

Conservation and the Conservation Reserve

A National Policy of No Net Loss of Wetlands: What Do Agricultural Economists Have to Contribute? ed. by Ralph E. Heimlich. 40 pp. August 1991. **Order # AGES 9149. \$8.00.** This report is based on a 1990 symposium addressing the potential for agricultural economists to contribute to the evolving wetlands policy.

Conservation and Environmental Issues in Agriculture: An Economic Evaluation of Policy Options, by David Ervin and others. 62 pp. July 1991. **Order # AGES 9134. \$11.00.** Focuses on reducing potentially adverse effects of agricultural chemicals on ground-water quality, improving surface-water quality, restoring agricultural wetlands, and extending environmental benefits on selected Conservation Reserve Program lands.

The Conservation Reserve Program: An Economic Assessment, by C. Edwin Young and C. Tim Osborn. 40 pp. February 1990. **Order # AER-626. \$8.00.** Estimates the net economic benefits of the CRP.

The Conservation Reserve Program: Enrollment Statistics for Signup Periods 1-9 and Fiscal Year 1989, by C. Tim Osborn and others. 152 pp. July 1990. **Order # SB-811. \$14.00.** Presents CRP enrollment and accomplishments.

Natural Resources and Users Benefit from the Conservation Reserve Program, by Marc O. Ribaud and others. 51 pp. January 1990. **Order # AER-627. \$8.00.** Estimates how retiring cropland benefits natural resources under three scenarios of CRP enrollment.

Implementing the Conservation Reserve Program: Analysis of Environmental Options, by Clayton W. Ogg and others. 26 pp. October 1989. **Order # AER-618. \$5.50.** Addresses which types of land to target to gain maximum environmental benefits from the CRP.

Soil Depletion Estimates: Version 2: A User's Guide to a Personal Computer Model for Estimating Long-Term Onsite Physical and Economic Impacts of Soil Depletion, by Leonard L. Bull and Daniel E. Kugler. 21 pp. January 1990. **Order # AGES 9005. \$8.00.** Compares shortrun and longrun effects on erosion and economic returns from alternative resource management systems.

Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions, by Elizabeth G. Nielsen and others. 36 pp. January 1989. **Order # AER-601. \$5.50.** Sheds new light on factors that determine farmers' investments in land improvements, including soil conservation, drainage, and land clearing.

A Permanent Wetland Reserve: Analysis of a New Approach to Wetland Protection, by Marc Carey and others. 20 pp. August 1990. **Order # AIB-610. \$4.00.** Discusses the likely geographic distribution of a permanent wetland reserve, crop rotations likely to be affected, and potential easement and restoration costs.

Productivity and Erodibility of U.S. Cropland, by Ralph E. Heimlich. 21 pp. January 1989. **Order # AER-604. \$5.50.** Finds that highly erodible farmland may also be highly productive and valuable.

Soil Conservation PKG-5. Includes *Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions* and *Productivity and Erodibility of U.S. Cropland*. An \$11 value for \$8.00. **Order # PKG-5. \$8.00.**

Water Quality Benefits from the Conservation Reserve Program, by Marc O. Ribaud. 30 pp. February 1989. **Order # AER-606. \$5.50.** Looks at the estimated \$3.5 to \$4 billion in water quality benefits that may be generated as a side effect of the Conservation Reserve Program.

Irrigated Acreage in the Conservation Reserve Program, by Glenn D. Schaible. 19 pp. July 1989. **Order # AER-610. \$5.50.** Identifies the extent of marginal irrigated acreage enrolled in the CRP through 1987 and the likely amount of such land to be enrolled in the CRP.

The Conservation Reserve Program and Its Effect on Land Values, by Robbin Shoemaker. 5 pp. January 1989. **Order # AIB-554. \$3.00.** Uses differences in average bids between signups (enrollment periods) to estimate an upper limit on the CRP's effects on the value of enrolled land.

Estimating the Offsite Household Damages from Wind Erosion in the Western United States, by Stephen Piper and Linda K. Lee. 21 pp. June 1989. **Order # AGES 8926. \$5.50.** Finds that wind-caused soil erosion in some Western regions increases the need for interior and exterior cleaning, reduces recreational opportunities, and impairs health.

Soil Erosion: What Effect on Agricultural Productivity? by Klaus Alt and others. 6 pp. January 1989. **Order # AIB-556. \$3.00.** Estimates the potential losses in agricultural productivity from wind, sheet, and rill erosion.

Farm Policy

Provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, ed. by Susan L. Pollack and Lori Lynch. 168 pp. June 1991. **Order # AIB-624. \$14.00.** Summarizes major provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, the framework for administering agricultural and food programs during 1991-95. Includes all major commodity programs.

Changes in U.S. Agriculture and Emerging Issues for Legislation in the 1990's, by Kathryn L. Lipton. 12 pp. December 1989. **Order # AIB-584. \$3.00.** Outlines recent changes in the structure and financial picture of U.S. agriculture and reviews topics considered in farm legislation.

Monetary Policy: The Potential Role for Agricultural Commodity Prices, by John Kitchen and others. 22 pp. June 1990. **Order # TB-1779. \$8.00.** Presents empirical evidence

on the relationships among agricultural and nonagricultural commodity prices, general price level, monetary aggregates, interest rates, industrial production, and the exchange rate.

Agricultural-Food Policy Review: U.S. Agricultural Policies in a Changing World. 404 pp. November 1989. **Order # AER-620. \$12.00.** Brings together background information for assessing today's agricultural sector and programs of the Food Security Act of 1985, and for looking at new agricultural, environmental, and rural development strategies.

Computable General Equilibrium Modeling of Agricultural Policies: Documentation of the 30-Sector FPGE GAMS Model of the United States, by Maureen Kilkenny. 68 pp. June 1991. **Order # AGES 9125. \$11.00.** Explains how U.S. agricultural policies are modeled in the Farm Policy in General Equilibrium, General Algebraic Modeling System, which features: (1) farm programs modeled explicitly rather than by using ad valorem equivalents; (2) how every dollar is spent, received, and accounted for under farm programs; and (3) the idea that farm households earn nonfarm income and nonfarm households own farmland.

A Glossary of Food and Agricultural Policy Terms, 1989, by Kathryn L. Lipton and Susan L. Pollack. 46 pp. November 1989. **Order # AIB-573. \$5.50.** A guide to many terms associated with food and agricultural policies and programs.

World Food Security: The Effect of U.S. Farm Policy, by Mark E. Smith. 8 pp. April 1990. **Order # AIB-600. \$4.00.** Defines U.S. world food security and looks at how U.S. domestic farm policies affect it.

The Basic Mechanisms of Japanese Farm Policy. 40 pp. February 1990. **Order # MP-1478. \$5.50.** Illustrates the workings of Japanese farm policy, looking at rice price support and beef import restrictions.

AAEA Award Winners PKG-7. Consists of: *The Basic Mechanisms of Japanese Farm Policy*, *The Basic Mechanisms of European Community (EC) Farm Policy*, *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (short form); and *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (long form). **Order # PKG-7. \$16.50.**

The Basic Mechanisms of European Community (EC) Farm Policy. 28 pp. August 1990. **Order # MP-1485. \$5.50.** Illustrates the effects of target, intervention, and threshold prices, plus levies and refunds.

The 1990 Farm Act and the 1990 Budget Reconciliation Act: How U.S. Farm Policy Mechanisms Will Work Under New Legislation. 40 pp. December 1990. **Order # MP-1489. \$8.00.** This popular booklet explains the main features of the new 5-year farm law in easy-to-follow pages of illustrative material. These verbal graphics act as a self-programmed instruction method, leading the reader from one point to the next. The booklet works in the same general way as an informal briefing that makes its points step by step with overhead transparencies. Its focus is on program commodities.

Basic Mechanisms of U.S. Farm Policy

The Basic Mechanisms of U.S. Farm Policy: How They Work, with Examples and Illustrations. 88 pp. January 1990. **Order # MP-1479. \$6.50.** Describes in plain English the key concepts of how U.S. farm policy works. Takes you step by step through the major programs. Separated into three, easy-to-follow sections. *Also available in separate volumes, as shown below.*

The Basic Mechanisms of U.S. Farm Policy, Part One: Target, Loan & Deficiency. 28 pp. May 1989. **Order # MP-1470. \$5.50.**

The Basic Mechanisms of U.S. Farm Policy: Part Two: Deficiency Payments, Certificates, and PIK & Roll. 32 pp. December 1989. **Order # MP-1476. \$5.50.**

The Basic Mechanisms of U.S. Farm Policy: Part Three: Export Enhancement, FOR, Marketing Loans, Disaster Payments, and CRP. 28 pp. December 1989. **Order # MP-1477. \$5.50.**

Food

Food Costs . . . From Farm to Retail in 1991, by Denis Dunham. 11 pp. March 1992. **Order # AIB-646. \$5.00.** This annual summary of developments in retail food prices finds that the rise in retail food prices slowed dramatically in 1991 under the pressure of large food supplies and recession-weakened consumer demand.

Food Cost Review, 1990, by Denis Dunham. 50 pp. June 1991. **Order # AER-651. \$8.00.** Finds that food prices, as measured by the Consumer Price Index, increased 5.8 percent in 1990, the same as the year before.

Food Marketing Review, 1991, by Anthony Gallo and others. 137 pp. March 1992. **Order # AER-657. \$14.00.** The perennial best seller examines developments in the U.S. food marketing system. Although retail sales in the food marketing system showed recession-led declines in 1990 and 1991, food manufacturers and retailers continued to boost profitability because of stable wages and producer prices and streamlining of operations.

The Food Marketing System in 1990, by Anthony E. Gallo. 16 pp. August 1991. **Order # AIB-632. \$4.00.** Looks at the food marketing system's strength of recent years, which held through 1990. Profitability from operations increased sharply, despite lower sales.

How Did Household Characteristics Affect Food Spending in 1980-88? by James R. Blaylock and others. 17 pp. February 1992. **Order # AIB-643. \$5.00.** Looks at trends in U.S. per capita consumption of total food, food at home, and food away from home using the latest data from annual surveys of urban household food spending for 1980 to 1988.

From Farming to Food Service: The Food and Fiber System's Links with the U.S. and World Economies, by

Kathryn L. Lipton and Alden C. Manchester. 37 pp. January 1992. **Order # AIB-640. \$8.00.** This report examines the role of farming in the food and fiber sector, the interaction between the food and fiber sector and the rest of the U.S. economy, and its linkages through trade with the world economy.

Food Spending in American Households, 1980-88, by David M. Smallwood and others. 104 pp. May 1991. **Order # SB-824. \$11.00.** Presents information on trends in household food expenditures for major food groups by selected demographic factors for 1980-88.

Food Consumption, Prices, and Expenditures, 1968-89, by Judith Jones Putnam and Jane E. Allshouse. 160 pp. May 1991. **Order # SB-825. \$14.00.** This ERS bestseller presents historical data on food consumption, prices, and expenditures, and U.S. income and population.

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U.S. Food Spending and Income: Changes Through the Years, by Alden Manchester. 19 pp. January 1991. **Order # AIB-618. \$4.00.** Explores relationships that have contributed to increases in U.S. food spending over the years and the decline in food spending's share of personal income.

U.S. Demand for Food: A Complete System of Quantity Effects on Prices, by Kuo S. Huang. 56 pp. July 1991. **Order # TB-1795. \$11.00.** Explores a large-scale U.S. demand system, providing empirical estimates based on 39 food categories and 1 nonfood sector.

Construction of True Cost of Food Indexes from Estimated Engel Curves, by William N. Blisard and James R. Blaylock. 40 pp. May 1991. **Order # TB-1787. \$8.00.** Compares estimated indexes of the true cost of food with the Consumer Price Index for households of differing characteristics.

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Explanatory Guide to the ERS Metro and Nonmetro Labor Force and Income Data Diskette, by Martha Frederick. 24 pp. August 1989. **Order # AGES 8939. \$5.50.** Explains the labor force, employment, and income data included on the ERS Metro and Nonmetro Labor Force and Income Data Diskette.

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Survival and Growth of Independent Firms and Corporate Affiliates in Metro and Nonmetro America, by James P. Miller. 24 pp. February 1990. **Order # RDRR-74. \$8.00.** Reveals that local, independent firms survived better and grew faster than corporate affiliates in nonmetro areas.

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Geographic Distribution of Federal Funds in 1985, by Elliott J. Dubin. 109 pp. March 1989. **Order # AGES 89-7. \$8.00.** Examines the metro/nonmetro distribution of Federal funds in fiscal year 1985.

The Importance of Transfer Payments in Nonmetro America, by Linda Ghelfi and Robert Hoppe. 8 pp. March 1989. **Order # AIB-562. \$3.00.** Finds that transfer payments are a growing source of income in nonmetro areas, accounting for 18.7 percent of annual personal income in 1986.

The Drought of 1988: Effects on the U.S. Food and Fiber Sector and on Rural Communities. 53 pp. January 1989. **Order # AGES 89-8. \$5.50.** Presents data and information from surveys of farmers conducted during 1988.

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Financial Market Intervention as a Rural Development Strategy. 93 pp. December 1990. **Order # AGES 90-70. \$11.00.** Describes and assesses the effectiveness of the financial system currently serving rural America. It also looks closely at the reasons Federal and State Governments are heavily involved in the operations of financial institutions and markets.

U.S. Trade

Foreign Agricultural Trade of the United States, Calendar Year 1990: Supplementary Tables, by Mary L. Fant. 291 pp. February 1992. **Order # AGES 92-04. \$14.00.** Using statistical summaries, shows U.S. foreign trade in agricultural products by country during CY 1989 and 1990 for exports and imports valued at more than \$1 million.

Foreign Agricultural Trade of the United States, Calendar Year 1989: Supplementary Tables, by Mary L. Fant. 296 pp. March 1991. **Order # AGES 91-12. \$14.00.** Presents statistical summaries of U.S. foreign trade in agricultural products by country during calendar years 1988 and 1989. Shows exports and imports valued at more than \$1 million.

Value-Weighted Quantity Indices of Exports for High-Value Processed Agricultural Products, by Larry G. Traub. 368 pp. August 1991. **Order # SB-827. \$14.00.** Finds that trade in high-value processed agricultural products doubled for the United States during 1961-86 and climbed throughout the rest of the world.

Agricultural Export Programs: Background for 1990 Farm Legislation, by Karen Z. Ackerman and Mark E. Smith. 66 pp. May 1990. **Order # AGES 90-33. \$11.00.** Summarizes the major U.S. export programs since World War II.

Export Demand for U.S. Corn, Soybeans, and Wheat, by Cecil W. Davison and Carlos A. Arnade. 30 pp. January 1991. **Order # TB-1784. \$8.00.** Identifies the major markets for U.S. exports of corn, soybeans, and wheat, and estimates price and income elasticities for those markets to broaden the understanding of factors that affect the demand for U.S. exports.

Foreign Aid's Effect on U.S. Farm Exports: Benefits or Penalties? by Alain de Janvry and others. 52 pp. November 1989. **Order # FAER-238. \$5.50.** Identifies conditions that increase aid-trade complementarity and implications for formulating and implementing development policy.

The Export Enhancement Program: How Has It Affected Wheat Exports? by Ann Seitzinger and Philip Paarlberg. 12 pp. December 1989. **Order # AIB-575. \$3.00.** Finds that the Export Enhancement Program raised U.S. wheat export volume, prices, and gross export revenues.

Structural Econometric Model of the World Wheat Market, by Kenneth W. Bailey. 63 pp. June 1989. **Order # TB-1763. \$8.00.** Presents an econometric model to assess the effect of changing global policies and other conditions on world wheat trade and changes in U.S. farm programs on the rest of the world and on U.S. export levels.

Monographs

Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat, by Stephen L. Haley. 32 pp. April 1989. **Order # AGES 89-6. \$5.50.** Finds that U.S. export enhancement bonuses may have increased the U.S. wheat price between 7 and 22 percent, U.S. wheat export volume between 10 and 31 percent, and U.S. wheat export revenue between 18 and 61 percent for the 1986/87 crop year.

Why Did U.S. Wheat Exports Expand? by Kenneth W. Bailey. 8 pp. May 1989. **Order # AIB-564. \$3.00.** Identifies factors that expanded recent wheat exports, finding that policy effectiveness changes as market conditions change.

Dockage and Foreign Material in the Grading Standards for Wheat Exports, by Stephanie A. Mercier. 23 pp. December 1989. **Order # AGES 8968. \$8.00.** Focuses on economic effects that a new grading standard would have on wheat producers, handlers, and exporters.

Apple Import Demand: Four Markets for U.S. Fresh Apples, by Amy L. Sparks and others. 15 pp. December 1990. **Order # AER-641. \$8.00.** Gives the results of an econometric analysis of four U.S. overseas apple markets and explores competition in Canada, Hong Kong, Singapore, and the United Kingdom.

Orange Import Demand: Four Markets for U.S. Fresh Oranges, by Amy L. Sparks. 15 pp. November 1991. **Order # AER-655. \$8.00.** U.S. fresh orange shipments are expected to increase or remain about steady in the top four importing markets: up significantly in Singapore, up moderately in Canada and Hong Kong, and about steady in the EC.

U.S. Markets for Caribbean Basin Fruits and Vegetables: Selected Characteristics for 17 Fresh and Frozen Imports, 1975-87, by Richard N. Brown, Jr., and Nydia R. Suarez. 200 pp. March 1991. **Order # SB-821. \$14.00.** Provides annual and monthly overviews and a database from 1975-87 for U.S. production, trade, consumption, and prices of 15 fresh fruits and vegetables and 2 frozen vegetables.

U.S. Imports of Fruits and Vegetables Under Plant Quarantine Regulations, Fiscal Year 1989, by Joan Pearrow. 49 pp. April 1992. **Order # AGES 9209. \$8.00.** This statistical report summarizes imports of over 200 commodities, by country of origin and port of entry during FY 1989.

U.S. Agricultural Trade with the Developed Pacific Rim, 1968-88, by Wilma Davis and others. 80 pp. May 1990. **Order # AGES 9035. \$11.00.** This statistical compendium presents data on U.S. agricultural exports and imports with the developed Pacific Rim countries.

Exchange Rates and U.S. Agricultural Trade, by Mathew D. Shane. 12 pp. January 1990. **Order # AIB-585. \$4.00.** Finds that exchange rates are now the single most important variable in determining the economic environment for agricultural trade.

Trade and Development: Impact of Foreign Aid on U.S. Agriculture, edited by Gary Vocke. 69 pp. June 1990. **Order # AGES 9044. \$11.00.** This report reviews the role of various types of foreign assistance and international factors influencing their effectiveness in promoting economic development.

Developing Countries' High-Value Agricultural Trade: Implications for U.S. Exports, by Mary Burfisher and Margaret Missiaen. 14 pp. September 1990. **Order # AIB-615. \$4.00.**

Finds that developing countries expanded their high-value product (HVP) exports to the United States during the 1980's, while remaining as only minor markets for U.S. HVP exports.

Factor Intensity of U.S. Agricultural Trade, by Darryl S. Wills and Chinkook Lee. 36 pp. August 1990. **Order # AER-637. \$8.00.** Reviews the commodity composition of U.S. agricultural exports.

Measuring the Effectiveness of the Export Enhancement Program for Poultry, by Stephen L. Haley. 23 pp. March 1990. **Order # AGES 9016. \$8.00.** Examines the economic effects of the EEP for poultry meat for 1987.

Economywide Implications of Agricultural Liberalization in the United States, by Maureen Kilkenney and Sherman Robinson. 16 pp. January 1990. **Order # AGES 9008. \$4.00.** Uses a 10-sector computable general equilibrium model to show how unilateral and multilateral changes in agricultural policy will affect the overall economy.

Trade and Related Issues

Agricultural Trade, Agreements, and Disputes in the Western Hemisphere, by Nicole Ballenger and others. 43 pp. June 1989. **Order # AGES 8928. \$5.50.** Assesses major bilateral and multilateral arrangements guiding agricultural trade relations among Western Hemisphere countries.

Bibliography of Research on Agricultural Trade Policy Reform, by Carl Mabbs-Zeno and Nina M. Swann. 33 pp. September 1991. **Order # AGES 9147. \$8.00.** This report lists ERS research products related to GATT negotiations and other questions regarding agricultural trade reform outside the United States.

Sectoral Effects of a World Oil Price Shock: Economywide Linkages to the Agricultural Sector, by Kenneth Hanson and others. 25 pp. October 1991. **Order # AGES 9156. \$8.00.** Analyzes how a world oil price shock may affect U.S. agriculture and the rest of the economy under different macro-adjustment scenarios. Examines direct and indirect energy costs, exchange rates, and government support programs.

A Survey of Theoretical and Empirical Literature Related to Export Assistance, by Ann Hillberg Seitzinger and Philip L. Paarlberg. 32 pp. August 1989. **Order # AGES 8934. \$5.50.** Examines the literature regarding global and targeted export assistance, including cash and payment-in-kind.

Global Food Assessment. 64 pp. November 1990. **Order # GFA-1. \$11.00.** Assesses both short-term (2 years), and longer term issues affecting food aid needs. Contains estimates for 1990/91 and 1991/92 for 55 developing countries based on USDA data as of September 12, 1990, and data from other sources.

Food Aid: Motivation and Allocation Criteria, by Shahla Shapouri and Margaret Missiaen. 44 pp. February 1990. **Order # FAER-240. \$8.00.** Evaluates the motives that affect food aid policies and distribution, including a review of food aid from the United States, the European Community, and Canada.

Measuring Agricultural Trade Distortion: A Simple Approach, by Vernon O. Roningen and Praveen M. Dixit. 24 pp. December 1991. **Order # AGES 9145. \$8.00.** Describes an index that estimates volume of trade distortion caused by the agricultural policies of trading countries. The index could help trade analysts compare the effect on trade of agricultural support policies across countries and commodities.

Competitiveness and Protection in World Agriculture, by Thomas L. Vollrath. 12 pp. July 1989. **Order # AIB-567. \$3.00.** Explores what agricultural competitiveness means by using three different measures: market share, relative export advantage, and revealed competitiveness.

Agricultural Policy, Trade, Economic Growth, and Development. 191 pp. May 1989. **Order # AGES 8919. \$8.00.** An overview of the salient domestic agricultural policies that have affected trade, development, and growth in Malawi, Kenya, Thailand, Malaysia, Ecuador, and Guatemala.

Exporting Processed Instead of Raw Agricultural Products, by Gerald Schluter and William Edmondson. 20 pp. November 1989. **Order # AGES 8958. \$5.50.** Examines the national output, income, and employment effects for selected raw commodity/processed commodity combinations.

Price Transmission Elasticities in the Trade Liberalization (TLIB) Database, by John Sullivan. 22 pp. April 1990. **Order # AGES 9034. \$8.00.** Documents price transmission elasticities available in ERS' TLIB database.

The CPPA Model-Builder: Technical Structure and Programmed Options in Version 1.3, by Kim Hjort and Pierre Van Peteghem. 108 pp. August 1991. **Order # AGES 9144. \$11.00.** Describes CPPA (Country Projections and Policy Analysis), a spreadsheet-based, program-driven system that facilitates the specification of price linkages and economic relationships in agricultural markets.

Foreign Debt, Capital Formation, and Debtor Behavior, by Carlos Arnade and others. 32 pp. July 1989. **Order # TB-1767. \$5.50.** Finds that problem debtor countries, with over \$10 billion in external debt, used their borrowed funds to invest less and consume more than a comparable group of debtors without repayment problems.

Testing for the Impact of Inflation on Import Demand Functions, by Carlos Arnade and Praveen Dixit. 20 pp. January 1989. **Order # AGES 89-3. \$5.50.** Suggests inflation does influence importers' demand, contrary to standard assumptions.

The Specification, Estimation, and Simulation of a Small Global Macroeconomic Model, by James R. Malley. 24 pp. March 1990. **Order # AGES 9011. \$8.00.** Describes the structure and simulation properties of a small global macroeconomic model (SGM).

Agricultural Trade Liberalization and Developing Countries, by Barry Krissoff and others. 46 pp. May 1990. **Order # AGES 9042. \$8.00.** Discusses some of the potential effects of agricultural trade liberalization on the economies of developing nations, featuring a static global agricultural net trade model that contains 36 countries or regions and 22 commodities.

Incorporating Inputs in the Static World Policy Simulation Model (SWOPSIM), by Peter S. Liapis. 34 pp. June 1990. **Order # TB-1780. \$8.00.** Documents the methodology used

to incorporate inputs in the trade liberalization models built with the Static World Policy Simulation Model.

Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework, by Vernon Roningen, and others. 200 pp. September 1991. **Order # AGES 9151. \$14.00.** Includes detailed appendices, listings of variable definitions and model equations, a listing of a SWOPSIM demonstration model, screens of computer tutorials on SWOPSIM model building, printouts of the computer programs making up the SWOPSIM framework, and installation instructions.

Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework, by Stephen L. Haley. 36 pp. March 1989. **Order # AGES 8911. \$5.50.** A technical review of the use of PSE's and CSE's in statistical modeling of agricultural trade.

Economic Implications of Agricultural Policy Reforms in Industrial Market Economies, by Vernon O. Roningen and Praveen M. Dixit. 73 pp. August 1989. **Order # AGES 8936. \$8.00.** Uses an 11-region, 22-commodity world net trade model to study the economic implications of farm policy reform in industrial market economies.

Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework, by Vernon Roningen, Praveen Dixit, John Sullivan, and Tracy Hart. 46 pp. March 1991. **Order # AGES 9114. \$8.00.** Helps potential users understand the basic features of SWOPSIM modeling framework and evaluate its suitability for their problems.

Elasticities in the Trade Liberalization Database, by Walter H. Gardiner and others. 72 pp. May 1989. **Order # AGES 8920. \$8.00.** From various sources, compiles the elasticities of supply and demand available in the Trade Liberalization database.

SWOPSIM PKG-9. Contains *Elasticities in the Trade Liberalization Database; Joint Products in the Static World Policy Simulation (SWOPSIM) Modeling Framework; Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework; Economic Welfare Analysis: An Application to the SWOPSIM Modeling Framework; Economic Implications of Agricultural Policy Reforms in Industrial Market Economies; Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework; and Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework*. A \$60 value. **Order # PKG-9. \$25.00.**

The Political Economy of Agricultural Trade: A Review of the Literature on Domestic Policy Behavior and International Price Formation, by Linda Young and others. 73 pp. January 1991. **Order # AGES 9103. \$11.00.** Reviews literature on political economy as related to agricultural trade. This literature is characterized by a wide variety of models and quantitative techniques.

A Database for Trade Liberalization Studies, by John Sullivan and others. 160 pp. March 1989. **Order # AGES 8912. \$8.00.** Presents a global database for 22 commodities and 36 regions of the world.

Differences in Agricultural Research and Productivity Among 26 Countries, by George B. Frisvold and Eugene Lomax. 24 pp. May 1991. **Order # AER-644. \$8.00.** Examines the contribution of research and other policy factors to agricultural productivity in 26 countries at various stages of economic development.

Foreign Production and Trade

World Oilseed and Products Trade, 1962-88, by Arthur B. Mackie and Samuel D. Calhoun. 130 pp. January 1991. **Order # SB-819. \$11.00.** Presents historical data on the volume of world trade in oilseeds, oils, and meals for 1962-88. World trade in these items more than tripled during 1962-88.

Agricultural Production Functions Estimated From Aggregate Intercountry Observations: A Selected Survey, by Michael Trueblood. 22 pp. June 1991. **Order # AGES 9132. \$8.00.** Surveys 10 studies that test the meta-production function hypothesis, which states that intercountry agricultural production variation is partly explained by different levels of human capital.

Less Developed Countries' Performance in High-Value Agricultural Trade, by Mary E. Burfisher and Allen Blackman. 51 pp. April 1991. **Order # AGES 9118. \$8.00.** Analyzes 35 less developed countries' (LDC's) exports of high-value and processed agricultural products (HVP's) during 1970-87.

Trade Dependency Index Tables for Total, Merchandise, and Agricultural Trade, 1960-88, by Paul V. Johnston. 124 pp. February 1992. **Order # SB-835. \$11.00.** Develops a "trade dependency index" (TDI) to classify countries according to their dependence on imports and exports. TDI's are calculated for 138 countries during 1960-88, covering three levels of aggregation: total, merchandise, and agricultural trade.

World Grain Stocks: Where They Are and How They Are Used, by Jerry A. Sharples and Jeanette Krutzfeldt. 16 pp. May 1990. **Order # AIB-594. \$4.00.** Examines policies and practices of main grain stockholding countries.

The Links Between Development and World Trade, by Thomas Vollrath. 12 pp. February 1990. **Order # TB-1774. \$4.00.** Determines which countries will be strong competitors or trade partners of the United States.

Estimates of Producer and Consumer Subsidy Equivalents: Government Intervention in Agriculture, 1982-87, by Alan J. Webb and others. 368 pp. April 1990. **Order # SB-803. \$14.00.** Reports estimates of producer and consumer subsidy equivalents for more than 40 commodities and products in 27 countries and the EC.

World Population by Country and Region, 1950-2050, by Francis Urban and Michael Trueblood. 76 pp. April 1990. **Order # AGES 9024. \$11.00.** Contains estimates of world population from 1950 to the late 1980's and projections to 2050.

Potential Effects of Policy Reform on the European Community Sugar Market and World Sugar Prices, by Dale Leuck and Steve Neff. 24 pp. August 1991. **Order # AGES 9129. \$8.00.** Examines two alternative EC sugar policy reforms. Simulations suggest that trading of production

quotas within national borders would have reduced net EC sugar exports by 2.3 million metric tons and increased world sugar prices by 8 percent during 1982-86.

EC 1992: Implications for World Food and Agricultural Trade: Proceedings, ed. by David R. Kelch. 300 pp. October 1991. **Order # AGES 9133. \$14.00.** The European Community is preparing to launch its collective trade agreement on January 1, 1993, eliminating all trade barriers and fostering free movement of goods, services, capital, and people inside the EC. This report examines the effects of this agreement on internal and world food and agricultural trade.

Agricultural Statistics of the European Community, 1960-85, by Michael Herlihy and others. 123 pp. January 1989. **Order # SB-770. \$8.00.** Presents a comprehensive database on the agricultural sector of the European Community.

High-Value Products: Growing U.S. and EC Competition in World Markets, by Ruth Elleson. 34 pp. April 1990. **Order # AGES 9022. \$8.00.** Compares U.S. and EC export shares during 1970-87, showing that the EC, the world's leading exporter of high-value products, has successfully competed against the United States.

The Effects of the Common Agricultural Policy on the European Community Wheat-Washing Industry and Grain Trade, by Dale J. Leuck. 26 pp. April 1990. **Order # AGES 9023. \$8.00.** Looks at the EC wheat-washing industry, which separates wheat flour into wheat gluten and wheat starch.

Estimation and Evaluation of Economic Community Wheat Export Subsidies, by Peter S. Liapis. 33 pp. November 1989. **Order # AGES 8955. \$5.50.** Examines the relationship between the EC export subsidies and U.S. wheat export prices.

USSR Agricultural Trade, by Kathryn A. Zeimetz. 110 pp. August 1991. **Order # SB-808. \$11.00.** Provides an overview of factors affecting Soviet agricultural trade, emphasizing grain and soybean trade.

Government Intervention in Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents, by Edward C. Cook and others. 38 pp. August 1991. **Order # AGES 9146. \$8.00.** This study represents the first known application of the concept of PSE's and CSE's to the USSR. It analyzes the size of Soviet Government support programs in agriculture and the food economy.

Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland, by Robert B. Koopman. 48 pp. October 1989. **Order # AGES 8954. \$5.50.** Shows the slow pace of technological innovation is the main reason for slow Soviet growth.

Agricultural Outlook Special Reprint: Agriculture in the New Central Europe. 23 pp. February 1992. **Order # AGES 9205. \$8.00.** This reprint of special November and December 1991 *Agricultural Outlook* articles looks at both the vanguard countries of change—Poland, Hungary, and Czechoslovakia—as well as developments in the Balkan States of Albania, Bulgaria, Romania, and Yugoslavia.

Monographs

Trade Liberalization in Yugoslavia and Poland, by Nancy J. Cochrane. 48 pp. August 1990. **Order # AGES 9058.**

\$8.00. Presents estimates of producer and consumer subsidy equivalents for Yugoslavia and Poland, using the Static World Policy Simulation framework developed by ERS.

Agricultural Statistics of Eastern Europe and the Soviet Union, 1965-85, by Nancy J. Cochrane. 129 pp. July 1989. **Order # SB-778. \$8.00.** Contains 110 tables with data on land use, farm structure, population, farm machinery, crop and livestock production, and more.

Agricultural Performance in Eastern Europe, 1988, by Nancy J. Cochrane and Miles J. Lambert. 27 pp. August 1989. **Order # AGES 8938. \$5.50.** Finds that farm output in Eastern Europe stagnated in 1988, but agricultural trade balances improved in most countries.

Testing Two Trade Models in Latin American Agriculture, by Carlos A. Arnade. 27 pp. January 1992. **Order # AGES 9203. \$8.00.** Finds that Latin American agricultural trade is primarily driven by country differences in relative factor abundance rather than technology differences, a conclusion mostly consistent with both the Heckscher-Ohlin and Markusen propositions.

Government Intervention in Latin American Agriculture, 1982-87, by Donna Roberts and Paul Trapido. 160 pp. September 1991. **Order # AGES 9152. \$14.00.** This report examines how government intervention, especially import-substitution strategies, affected agricultural markets during 1982-87 in the six largest Latin American economies: Argentina, Brazil, Chile, Colombia, Mexico, and Venezuela.

Peru: An Export Market Profile, by H. Christine Bolling. 74 pp. December 1989. **Order # AGES 8953. \$8.00.** Identifies Peru as a potentially limited commercial market for U.S. farm commodities in the current economic climate.

Risk Aversion Through Nontraditional Export Promotion Programs in Central America, by Carlos Arnade and David Lee. 19 pp. December 1990. **Order # AGES 9074. \$8.00.** Discusses the growing importance of policies by Central American countries which promote nontraditional agricultural exports, such as avocados, broccoli, cantaloupes, cauliflower, cucumbers, limes, peppers, and strawberries.

Effects of Imports on the Puerto Rican Livestock-Meat Industry, by Lawrence A. Duerwer and others. 60 pp. March 1989. **Order # AER-605. \$5.50.** Examines the Puerto Rican beef industry and discusses possible policy alternatives for addressing the industry's problems.

The Mexican Wheat Market and Trade Prospects, by Myles J. Mielke. 36 pp. September 1990. **Order # AGES 9052. \$8.00.** Analyzes and projects Mexican wheat supply and demand conditions in a liberalizing policy environment.

Government Intervention in the Mexican Crop Sector, by Myles J. Mielke. 20 pp. September 1989. **Order # AGES 8940. \$5.50.** Models a 50-percent reduction in Mexico's producer price subsidies over 5 years to simulate a gradual lessening of government intervention.

The Mexican Economy in the 1990's: Markets Are In; State Control Is Out, by Mathew Shane and David Stallings. 12 pp. October 1991. **Order # AIB-635. \$4.00.** Summarizes

the dramatic changes in Mexico's economic policies since 1987. The policies, emphasizing free trade and competitive enterprise, are already yielding tangible results. Economic growth has accelerated and is expected to continue at least through the early 1990's.

Effects of a Free Trade Agreement on U.S. and Mexican Sanitary and Phytosanitary Regulations, by Ken Forsythe and Lori Lynch. 13 pp. May 1992. **Order # AIB-649. \$5.00.** Sanitary and phytosanitary regulations protect the United States and Mexico from foodborne diseases and other contamination in border-crossing food and agricultural products. Cooperative efforts to prevent and control infestation and infection will likely continue regardless of the reduction or removal of trade-restricting measures.

Intra-Industry Trade Indexes for Canada, Mexico, and the United States, 1962-87, by Tracy Hart and Bradley J. McDonald. 54 pp. February 1992. **Order # AGES 9206. \$8.00.** Intra-industry trade, the simultaneous importing and exporting of goods from the same industry classification, tends to be higher for the United States and Canada than for Mexico. Intra-industry trade also points to being higher between Canada and the United States than between Canada and Mexico or Mexico and the United States.

A North American Free Trade Area for Agriculture: The Role of Canada and the U.S.-Canada Agreement, by Carol Goodloe and Mark Simone. 11 pp. March 1992. **Order # AIB-644. \$5.00.** The U.S.-Canada Free Trade Agreement (CFTA) was enacted on January 1, 1989, after two and a half years of negotiations. Participation in a NAFTA is important to Canada in order to maintain its status under the CFTA and to ensure its exports to the United States are not displaced by Mexican products.

China's Interprovincial Grain Marketing and Import Demand, by Nicholas R. Lardy. 51 pp. September 1990. **Order # AGES 9059. \$8.00.** Explores the possibility that China's grain import demand is a function of state policy on interprovincial grain marketing.

Agricultural Trade Between Asia/Near East Countries and the United States, 1962-86, by Daniel Timms and Mathew Shane. 139 pp. January 1989. **Order # SB-774. \$8.00.** Quantifies the bilateral trade between 21 Asian and Near East countries and the United States for 1962-86.

Competition in East Asia's Agricultural Import Market, by J. Albert Evans. 37 pp. May 1990. **Order # AGES 9040. \$8.00.** Examines trends in agricultural imports in Japan, Taiwan, Korea, and Hong Kong for 1962-86, using a market share approach to assess the competitive position of the United States and other major exporters.

Thailand's Feed and Livestock Industry to the Year 2000, by Sara J. Schwartz and Douglas H. Brooks. 84 pp. March 1990. **Order # FAER-242. \$11.00.** Projects rice and poultry exports to the year 2000 under three scenarios of per capita income growth.

Reducing Support Using Aggregate Measures, Case Study: Thailand, by Douglas H. Brooks. 24 pp. July 1989. **Order # AGES 8930. \$5.50.** Finds that Thailand's government support can be reduced by charging for irrigation and reimposing export taxes.

Monographs

Government Intervention in Pakistan's Cotton Sector, by Gary Ender. 53 pp. June 1990. **Order # AGES 9041. \$8.00.** Examines the cotton sector in Pakistan, detailing technical and economic factors underlying recent trends in area, yield, and production.

Government Intervention in Pakistan's Agricultural Economy, by Gary Ender. 28 pp. April 1990. **Order # AGES 9027. \$8.00.** Uses producer and consumer subsidy equivalents to examine the nature of the Pakistani Government's interventions in the agricultural sector.

Dairy Imports in Sub-Saharan Africa and the Welfare Implications of Import Policies, by Shahla Shapouri and Stacey Rosen. 69 pp. August 1991. **Order # AGES 9142. \$11.00.** Examines the welfare effects of import policies and the factors affecting dairy imports in 39 countries in the region.

Export Performance in Africa, by Shahla Shapouri and Stacey Rosen. 40 pp. May 1989. **Order # AGES 8916. \$5.50.** Focuses on Africa's export sector as the key to its economic recovery.

Consumption Stability and the Potential Role of Food Aid in Africa, by Stacey Rosen. 15 pp. June 1989. **Order # AGES 89-29. \$5.50.** Reports model projections for additional food aid needs in Africa in 1990 and 1995 for good and bad weather scenarios.

African Food Needs Assessment Situation and Outlook Report. 58 pp. November 1991. **Order # GFA-2. \$11.00.** A review of Africa's food needs, as well as the short-term global grain outlook and food aid availability. Africa's cereal food aid needs in 1991/92 are somewhat higher than historical receipts despite an anticipated recovery in total cereal production.

Government Intervention in Moroccan Agriculture: Evolution of Subsidy Equivalents and Possible Trade Reform Effects, by Mark D. Wenner. 40 pp. March 1992. **Order # AGES 9208. \$8.00.** Surveys Moroccan agricultural policies toward wheat, barley, corn, cotton lint, raw sugar, wheat flour, edible vegetable oil, and refined sugar for 1982-89, a period marked by economic adjustment.

Soil and Water Management in West Africa: An Economic Analysis, by John C. Day. 10 pp. September 1989. **Order # AGES 8935. \$3.00.** Uses soil-water balance relationships and a whole-farm modeling approach to estimate conservation benefits on a typical farm in Mali.

Technology and Agricultural Productivity in the Sahel, by Thomas S. Hayne and others. 27 pp. October 1989. **Order # AER-612. \$5.50.** Focuses on factors that have slowed technology transfer in the Sahel and identifies conditions necessary for transfer to occur more rapidly.

Economic Performance and Policy Adjustment: The Experience of Zimbabwe, by Shahla Shapouri and Margaret Missiaen. 48 pp. May 1991. **Order # AGES 9127. \$8.00.** Finds that Zimbabwe's well-being will be determined by the rate of growth of industrial countries and flexibility of its own policy adjustments in achieving sustained economic expansion.

Australia, PKG-10. Includes *Longrun Competitiveness of Australian Agriculture* and *Targeting Australian Agricultural Policies for Trade Liberalization*. A \$16 value for \$12.00. **Order # PKG-10. \$12.00.**

Longrun Competitiveness of Australian Agriculture, by Jerry Sharples and Nick Milham. 23 pp. December 1990. **Order # FAER-243. \$8.00.** Identifies domestic factors that made Australian agriculture competitive since the 1950's and those most likely to determine its future competitiveness in global markets.

Targeting Australian Agricultural Policies for Trade Liberalization, by B.G. Johnston. 17 pp. July 1990. **Order # AGES 9050. \$8.00.** Reviews the levels of assistance in Australia's agricultural sector during the 1980's and discusses how the recent reform initiatives have reduced them.

GATT Reports

How Level is the Playing Field? An Economic Analysis of Agricultural Policy Reforms in Industrial Market Economies, by Vernon Roningen. 39 pp. December 1989. **Order # AER-239. \$5.50.** Focuses on how levels of assistance to agriculture compare across countries and commodity markets and how assistance to agriculture in industrial market economies (IME's) distorted world production and trade.

Agriculture, Trade, and the GATT: A Glossary of Terms, by Kathryn L. Lipton. 58 pp. June 1991. **Order # AIB-625. \$11.00.** A practical guide to terms associated with the negotiations on the General Agreement on Tariffs and Trade.

Resource Policy Subsidies and the GATT Negotiations, by John D. Sutton. 19 pp. August 1989. **Order # AER-616. \$5.50.** Looks at explicit and implicit producer subsidies for specific policies of major trading countries.

Bibliography of Research Supporting the Uruguay Round of the GATT. 20 pp. December 1989. **Order # AGES 8964. \$5.50.** Lists ERS research that might be useful in evaluating proposals for policy change now under negotiation at the GATT.

GATT Trade Liberalization: The U.S. Proposal, by Larry Deaton and others. 12 pp. March 1990. **Order # AIB-596. \$4.00.** Looks at the U.S. GATT proposal, which if implemented would raise world market prices, lower taxpayer costs, and in some key countries, significantly lower consumer prices.

A Short History of U.S. Agricultural Trade Negotiations, by Jane M. Porter and Douglas E. Bowers. 12 pp. August 1989. **Order # AGES 8923. \$5.50.** Summarizes U.S. farm trade negotiations from the beginnings of the GATT in 1947.

GATT & Agriculture: The Concepts of PSE's and CSE's, by Carl Mabbs-Zeno. 23 pp. April 1989. **Order # MP-1468. \$5.50.** This illustrated booklet explains two measures of government intervention in agriculture: production subsidy equivalents and consumer subsidy equivalents.

Government Intervention in Agriculture: A Regulatory Approach, by David W. Skully. 32 pp. May 1990. **Order # AGES 9039. \$8.00.** Examines the behavior of public agents creating and administering policies to transfer rent among domestic economic interest groups.

U.S. Adjustment in the 1990's: A CGE Analysis of Alternative Trade Strategies, by Kenneth Hanson and others. 32 pp. May 1990. **Order # AGES 9031. \$8.00.** Investigates the implications for the structure of the U.S. economy of a reduction in the U.S. trade deficit.

Subsidy Equivalents: Yardsticks of Government Intervention in Agriculture for the GATT, by Carl Mabbs-Zeno and Arthur Dommen. 9 pp. January 1989. **Order # AIB-558. \$3.00.** Discusses aggregate measures of support, such as producer and consumer subsidy equivalents, which may help negotiators of a new GATT attain common ground for reducing barriers to international trade.

Global Commodity Reports

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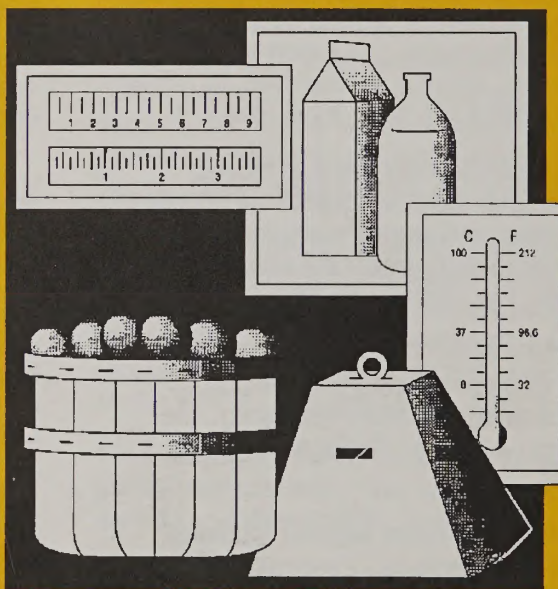
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